

# Data Structure

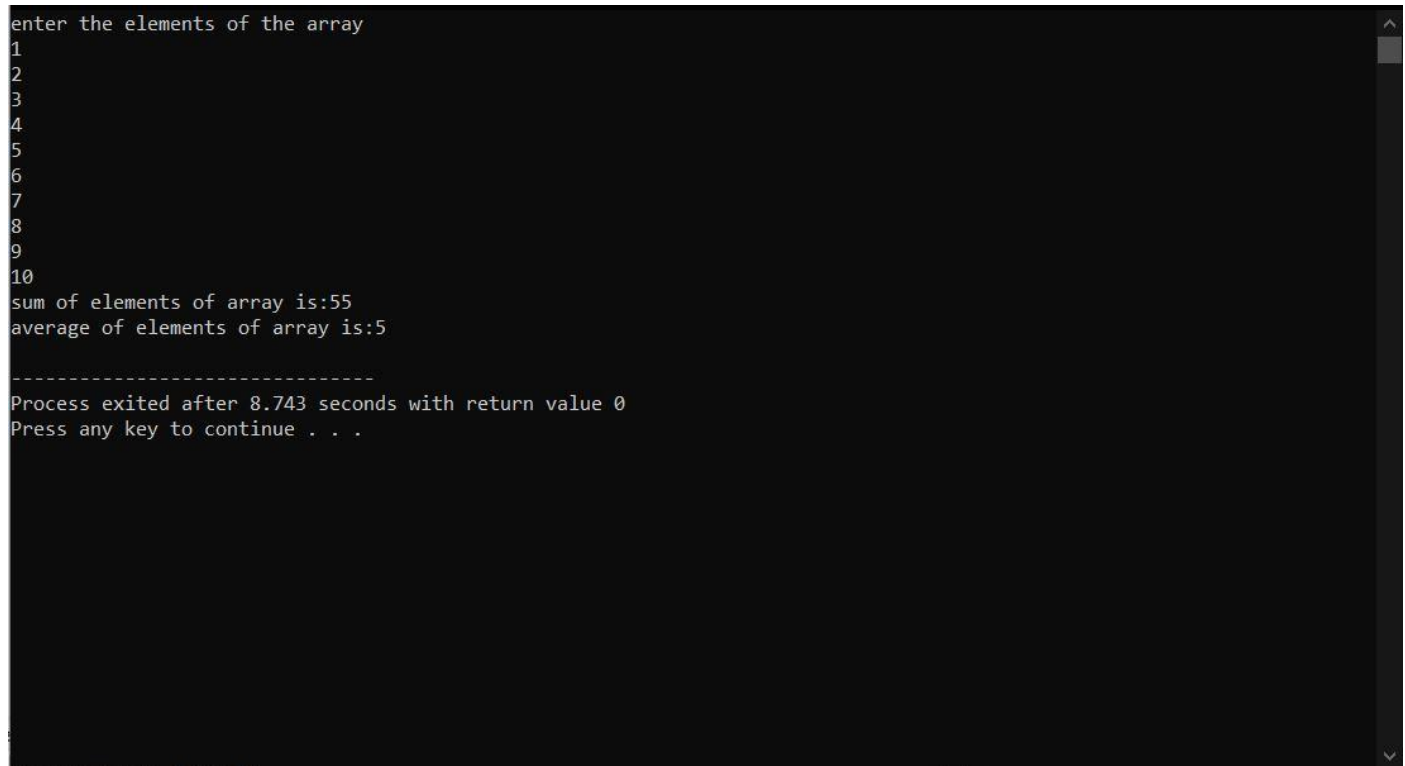
## Assignment-1

Ques.1: WAP to find Sum and Average of elements of Array.

Sol:

```
#include <stdio.h>
#include <conio.h>
int main()
{
    int array[10],i,sum,avg;
    printf("enter the elements of the array\n");
    for(i=0;i<10;i++)
    {
        scanf("%d",&array[i]);
    }
    sum=0;
    for(i=0;i<10;i++)
    {
        sum=sum+array[i];
    }
    printf("sum of elements of array is:%d\n",sum);
    avg=0;
    avg=sum/10;
    printf("average of elements of array is:%d\n",avg);
    return 0;
}
```

Output:



```
enter the elements of the array
1
2
3
4
5
6
7
8
9
10
sum of elements of array is:55
average of elements of array is:5

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Process exited after 8.743 seconds with return value 0
Press any key to continue . . .
```